

ABSTRACT

The present invention relates to functionalized polymeric reagents useful in solution and solid-phase synthesis. It relates more specifically to functionalized polymeric reagent, comprising an acid labile isonitrile moiety. In further aspects the present invention also relates to use of such functionalized polymeric reagent in solution and solid-phase synthesis, a method for preparing an organic compound by solution and solid-phase synthesis using such functionalized polymeric reagent, a method for preparing such functionalized polymeric reagent and to kits comprising the functionalized polymeric reagent of the invention. The present invention also relates to new intermediates for use in the preparation of the novel functionalized polymeric reagent. In one aspect, the present invention provides a functionalized functionalized polymeric reagent for use in solution and solid-phase synthesis, e.g. multicomponent reactions. The functionalized polymeric reagent comprises a linker, and said linker comprises an acid labile isonitrile moiety. The linker is covalently attached to the polymeric support.